

- 1 BREAK AWAY ONLY ENOUGH DRYWALL TO ALLOW FOR INSTALLATION OF WIRING AND GROUNDING PLATE. BOTTOM OF 12"X12" PLATE AT 8'-10" AFF.
- 2 SCRAPE OR GRIND SURFACE OF COLUMN DOWN TO BARE METAL ON AREA WHERE GROUNDING PLATE IS TO BE ATTACHED.
- 3 DRILL PLATE IN 4 LOCATIONS TO ACCEPT 1/2" BUSHY OR APPROVED EQUAL DURUM-BALCON BROSSE NUT AND STUD. COUNTERSINK DRILLED HOLE TO ACCEPT STUD WELDED TO COLUMN.
- 4 COAT COLUMN OVER AREA WHERE GROUNDING PLATE IS TO BE ATTACHED WITH "PENETRO-A" OR APPROVED EQUAL CONDUCTIVE OXIDE INHIBITOR COMPOUND.
- 5 EXOTHERMICALLY WELD STUDS TO COLUMN. ATTACH PLATE. EXOTHERMICALLY WELD NUTS TO PLATE.
- 6 CONNECT GROUND LUGS TO PLATE AS SHOWN ELSEWHERE ON THIS DRAWING.

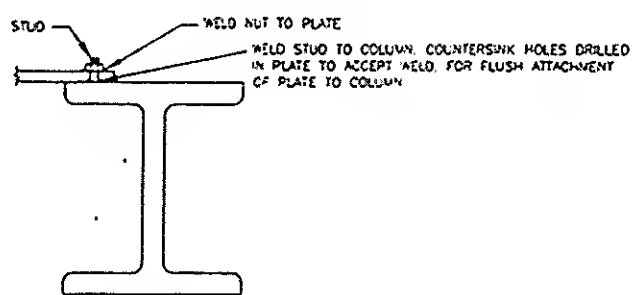
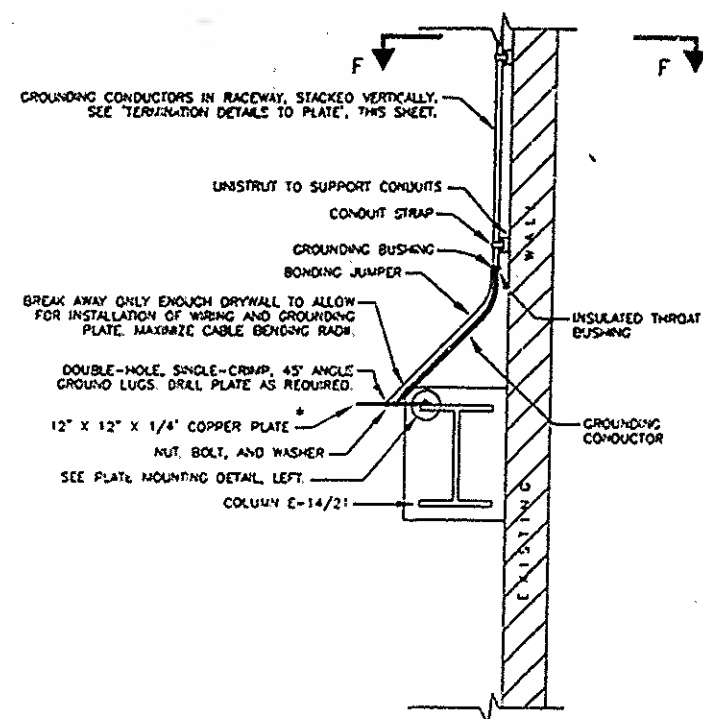


PLATE MOUNTING DETAIL  
(NOT TO SCALE)



\* EXOTHERMICALLY CONNECT 4 BRASS STUDS TO COLUMN E-14/21 FOR INSTALLATION OF PLATE. SEE "PLATE MOUNTING DETAIL", LEFT.

GROUNDING PLATE/TERMINATIONS AT COLUMN E-14/21  
(NOT TO SCALE)

CONDUIT PER "TERMINATION  
DETAILS TO PLATE", CHART B

#### TERMINATION DETAILS TO PLATE

EQUIPMENT	GROUND *	APPLETON OR APPROVED EQUAL GROUNDING BUSHING	BONDING JUMPER *	BUSHY OR APPROVED EQUAL 45° GROUNDING LUG #	BURNDY OR APPROVED EQUAL 45° JUMPER LUG #
UPS	1-1/0 #1/0 IN 3/4"	GB-75L-10	1-1/0 #1/0	YA25L-2TC38-45	YA25L-2TC38-45
FENCE	1-1/0 #2 IN 3/4"	GB-75L-10	1-1/0 #4	YA20L-2TC38-45	YA40L-2TC38-45
FENCE AND GATE	1-1/0 #2 IN 3/4"	GB-75L-10	1-1/0 #4	YA20L-2TC38-45	YA40L-2TC38-45
TRANSFORMER	1-1/0 #2 IN 3/4"	GB-75L-10	1-1/0 #4	YA20L-2TC38-45	YA40L-2TC38-45
ANTENNA GROUNDING PLATE	1-1/0 #4/0 IN 1"	GB-100L-10	1-1/0 #1/0	YA20L-2TC38-45	YA20L-2TC38-45
CABLE TRAY	1-1/0 #1/0 BARE	-	-	YA25L-2TC38-45	-

NOTE: ALL CONDUITS GRS IN MECHANICAL EQUIPMENT ROOM.  
ALL GROUNDING CONDUCTORS SHALL BE GREEN INSULATED.

TERMINATE LUGS WITH HARDWARE AS DESCRIBED IN VIEW "C", DRAWING E-805.